

Claims

1. Roof design that comprises an external sheet covering (1; 101), an insulating layer (3; 103) provided beneath the sheet covering (1; 101) and a load carrying structure (10; 110) that supports the insulating layer (3; 103), and that means (7; 107) for transporting an energy absorbing medium is provided in the insulating layer (3; 103), characterised in that the external sheet covering (1; 101) is corrugated, and that the surface of the insulating layer (3; 103) that faces towards the sheet covering (1; 101) has a shape that is adapted to the sheet covering (1; 101).
2. Roof design according to claim 1, characterised in that the means for transporting an energy absorbing medium constitutes a flexible hose (7; 107).
3. Roof design according to claim 2, characterised in that the insulating layer (3; 103) is equipped with a groove (9) for receiving the flexible hose (7; 107).
4. Roof design according to claim 3, characterised in that the groove (9) is continuous and comprises straight portions and curved portions, seen in top view.
5. Roof design according to any of the previous claims, characterised in that sheet covering (1; 101) has a tile profile.
6. Roof design according to claim 3 or 4, characterised in that the hose (7; 107) projects above the insulating layer (3; 103).